

Serial No. 09/520,810

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please **AMEND** the claims in accordance with the following:

1. (PREVIOUSLY PRESENTED) A packet-switched network phone communication control method, comprising:

providing a packet-switched phone controller having a first packet-switched input/output interface;

providing a packet-switched phone having a second packet-switched input/output interface and directly communicably connectable via a packet-switched network with the packet-switched phone controller via the respective first and second packet-switched input/output interfaces;

sending from the packet-switched phone controller to the packet-switched phone a control command for a packet-switched network phone call function on said packet switched network and a packet-switched phone function control command, and

controlling from the packet-switched phone, the packet-switched network phone call function with another packet-switched phone on the packet-switched network and the packet-switched phone function, according to the call function control command and the packet-switched phone function control command from the packet-switched phone controller.

2. (PREVIOUSLY PRESENTED) A packet-switched network multimedia phone communication control system comprising:

a packet-switched phone controller having a first packet-switched input/output interface;

a packet-switched phone having a second packet-switched input/output interface and directly communicably connectable via a packet-switched network with the packet-switched

Serial No. 09/520,810

phone controller via the respective first and second packet-switched input/output interfaces, wherein

said packet-switched phone controller generates a control command based on an instruction from a user, the control command including an instruction related to a packet-switched network multimedia phone call function on said packet-switched network and related to a packet-switched phone function control of said packet-switched phone, and said packet-switched phone controller sends the instruction to said packet-switched phone, and

said packet-switched phone controls the packet-switched network multimedia phone call function with another packet-switched phone on the packet-switched network and the packet-switched phone function, according to the call function control command and the packet-switched phone function control command from said packet-switched phone controller.

3. (CURRENTLY AMENDED) A computer readable recording medium whereon is stored a packet-switched network multimedia phone communication control program controlling a packet-switched phone controller that is directly communicably connectable on a packet switched network with a packet-switched phone, via respective packet-switched input/output interfaces, according to a process comprising:

generating a control command based on an instruction from a user, the control command including an instruction related to a packet-switched network multimedia phone call function on said packet-switched network and related to a packet-switched phone function control of the packet-switched phone on the packet switched network; and

transmitting the control command to the packet-switched phone via the packet switched network to control the packet-switched network multimedia phone call function and the packet-switched phone function control across the packet switched network from the packet-switched phone in accordance with the control command.

4. (PREVIOUSLY PRESENTED) A computer readable recording medium whereon is stored a packet-switched network multimedia phone communication control program controlling a packet-switched phone that is directly communicably connectable on a packet switched network with a packet-switched phone controller, via respective packet-switched input/output interfaces, according to a process comprising:

receiving from the packet-switched phone controller on the packet switched network a

Serial No. 09/520,810

control command that includes an instruction related to a packet-switched network multimedia phone call function on said packet-switched network and related to a packet-switched phone function control of the packet-switched phone; and

performing the instruction received in the control command, the instruction including control of the packet-switched network multimedia phone call function with another packet-switched phone on the packet-switched network and the packet-switched phone function.

5. (PREVIOUSLY PRESENTED) A packet-switched network multimedia phone communication control method for use in a packet-switched communication system that includes a plurality of packet-switched phones that are directly communicably connectable on the packet switched communication system with a packet-switched phone controller, via respective packet switched input/output interfaces, the method comprising:

sending from said packet-switched phone controller to one of said packet-switched phones an instruction related to a packet-switched network multimedia phone call function on said packet switched network and related to a packet-switched phone function control of the one packet-switched phone, and

performing in said one packet-switched phone, the packet-switched network multimedia phone call function with another packet-switched phone on said packet switched network and the packet-switched phone function, according to the instruction from said packet-switched phone controller.

6. (PREVIOUSLY PRESENTED) A packet-switched network multimedia phone communication control system comprising:

a plurality of packet-switched phones that are directly communicably connectable by a packet switched network with a packet-switched phone controller, via respective packet switched input/output interfaces, wherein

said packet-switched phone controller includes a control target list having information identifying at least one of said packet-switched phones, a terminal controller generating, based on an instruction from a user, a control command that includes an instruction related to a packet-switched network multimedia phone call function and related to a packet-switched phone function control of one of said packet-switched phones, and transmitting the control command to one of said packet-switched phones; and

Serial No. 09/520,810

each packet-switched phone includes a terminal list including information relating to said packet-switched phone controller, and a phone controller performing, based on the control command received from said packet-switched phone controller, the packet-switched network multimedia phone call function with another packet-switched phone on said packet switched network and the packet-switched phone function.

7. (PREVIOUSLY PRESENTED) The packet-switched network multimedia phone communication control system according to claim 6, wherein said phone controller of each packet-switched phone further generates a control command that reports a state of the packet-switched network multimedia phone call function with said other packet-switched phone on said packet switched network, and sends said packet-switched network multimedia phone call function state control command to said packet-switched phone controller.

8. (PREVIOUSLY PRESENTED) The packet-switched network multimedia phone communication control system according to claim 6, wherein

each packet-switched phone further has a data storage storing packet-switched network phone call messages,

said terminal controller of said packet-switched phone controller further generates a control command that instructs retrieval of the phone call message data stored in said packet-switched phones , and

each phone controller of each packet-switched phone acquires, based on said retrieval control command, said phone call message data from said data storage, further generates a control command including said acquired phone call message data, and sends said acquired phone call message data control command to said packet-switched phone controller.

9. (PREVIOUSLY PRESENTED) The packet-switched network multimedia phone communication control system according to claim 8, wherein said packet-switched phone controller further has an output unit that outputs the retrieved phone call message data according to the acquired phone call message data control command sent from said packet-switched phones.

10. (PREVIOUSLY PRESENTED) The packet-switched network multimedia phone

Serial No. 09/520,810

communication control system according to claim 7, wherein said terminal controller of said packet-switched phone controller further generates a control command that, in response to the packet-switched network multimedia phone call function state control command sent from said packet-switched phone, instructs processing related to the packet-switched network multimedia phone call function.

11. (PREVIOUSLY PRESENTED) A multimedia phone communication control system comprising:

a plurality of packet-switched phones and an information terminal connected by a packet switched network, wherein

the information terminal comprises:

a data storage storing a control target list identifying at least one of the packet-switched phones,

a packet-switched phone state detector that detects a state of a packet-switched phone user, and

a terminal controller transmitting, based on an instruction from a terminal user, a multimedia phone communication control command and a control command that instructs a predetermined multimedia phone communication processing according to a state of the multimedia phone communication and the detected state of the packet-switched phone user, to one of the packet-switched phones; and

each packet-switched phone comprises:

a data storage storing a terminal list including information relating to the information terminal, and

a phone controller performing, based on the multimedia phone communication control command from said information terminal, the multimedia phone communication with another packet-switched phone on the packet switched network, and transmitting a control command that reports the state of the multimedia phone communication with the other packet-switched phone to the information terminal.

12. (PREVIOUSLY PRESENTED) The packet-switched network multimedia phone communication control system according to claim 6, wherein

each packet-switched phone further comprises a data storage,

Serial No. 09/520,810

said terminal controller of said packet-switched phone controller further generates a control command that instructs packet-switched network phone call message data to be stored in said packet-switched phones data storages, and

said phone controller of each packet-switched phone stores said phone call message data in said data storage based on said phone call message data store control command.

13. (PREVIOUSLY PRESENTED) The packet-switched network multimedia phone communication control system according to claim 6, wherein said packet-switched phone controller further comprises a processing specifying unit that receives specification of a predetermined processing related to the packet-switched network multimedia phone call function, and reports the predetermined processing to the terminal controller of the packet-switched phone controller.

14. (PREVIOUSLY PRESENTED) The packet-switched network multimedia phone communication control system according to claim 13, wherein said packet-switched phone controller further has a packet-switched phone specifying unit that receives identification of one of the packet-switched phones stored in said control target list, and reports the identification of the one packet-switched phone to the terminal controller of the packet-switched phone controller.

15. (PREVIOUSLY PRESENTED) The packet-switched network multimedia phone communication control system according to claim 6, wherein identification of the plurality of said packet-switched phones are stored in the control target list of said packet-switched phone controller.

16. (PREVIOUSLY PRESENTED) The packet-switched network multimedia phone communication control system according to claim 6, wherein identification of the plurality of said packet-switched phones are stored in the terminal list of each packet-switched phone .

17. (PREVIOUSLY PRESENTED) The packet-switched network multimedia phone communication control system according to claim 10, wherein identification of the plurality of packet-switched phones are stored in the terminal list of each packet-switched phone, and each phone controller of the packet-switched phones performs the packet-switched

THIS PAGE BLANK (USPTO)

Serial No. 09/520,810

switched network, wherein

the information terminal comprises:

a data storage storing a control target list identifying at least one of the packet-switched phones,

a terminal controller transmitting, based on an instruction from a terminal user, a multimedia phone communication control command and a recorded message information retrieval control command, to one of the packet-switched phone, and

an output unit that outputs a retrieved recorded message information according to a retrieved recorded message information control command sent from the one packet-switched phone; and

each packet-switched phone comprises:

a data storage storing a terminal list including information relating to the information terminal, and storing recorded message information related to a recorded message from another packet-switched phone, and

a phone controller performing, based on the multimedia phone communication control command received from said information terminal, the multimedia phone communication with another packet-switched phone on the packet switched network, and transmitting, based on said recorded message information retrieval control command, a control command including said recorded message information stored in the data storage of the packet-switched phone, to the information terminal.

20. (PREVIOUSLY PRESENTED) A multimedia phone communication control system, comprising:

a plurality of packet-switched phones and an information terminal connected by a packet switched network, wherein

the information terminal comprises:

a data storage storing a control target list identifying at least one of the packet-switched phones,

a terminal controller transmitting, based on an instruction from a terminal user, a multimedia phone communication control command and a specified recorded message retrieval control command, to one of the packet-switched phones, and

an output unit that outputs a retrieved specified recorded message according to a

Serial No. 09/520,810

retrieved recorded message control command sent from the one packet-switched phone; and
 each packet-switched phone comprises:
 a data storage storing a terminal list including information relating to the
 information terminal, and storing a recorded message from another packet-switched phone, and
 a phone controller performing, based on the multimedia phone communication
 control command from said information terminal, the multimedia phone communication with
 another packet-switched phone on the packet switched network, and transmitting, based on said
 specified recorded message retrieval control command, a control command that includes the
 specified recorded message stored in the data storage of the packet-switched phone, to the
 information terminal.

21. (PREVIOUSLY PRESENTED) A multimedia phone communication control
 system, comprising:

a plurality of packet-switched phones and an information terminal connected by a packet
 switched network, wherein

the information terminal comprises:

a data storage storing a control target list identifying at least one of the packet-
 switched phones, and

a terminal controller transmitting, based on an instruction from a terminal user, a
 multimedia phone communication control command and a specified recorded message output
 control command, to one of the packet-switched phones; and

each packet-switched phone comprises:

a data storage storing a terminal list including information relating to the
 information terminal, and storing a recorded message from another packet-switched phone, and

a phone controller performing, based on the multimedia phone communication
 control command from said information terminal, the multimedia phone communication with
 another packet-switched phone on the packet switched network, and outputting, based on said
 specified recorded message output control command, the specified recorded message stored in
 the data storage of the packet-switched phone.

22. (PREVIOUSLY PRESENTED) A multimedia communication control system ,
 comprising:

Serial No. 09/520,810

a plurality of packet-switched phones and an information terminal connected by a packet switched network, wherein

the information terminal comprises:

a data storage storing a control target list identifying at least one of the packet-switched phones,

a terminal controller transmitting, based on an instruction from a terminal user, a multimedia phone communication control command and a communication log retrieval control command, to one of the packet-switched phones, and

an output unit that outputs a retrieved communication log according to a retrieved communication log control command sent from the one packet-switched phone; and

each packet-switched phone comprises:

a data storage storing a terminal list including information relating to the information terminal, and storing a communication log, and

a phone controller performing, based on the multimedia phone communication control command from said information terminal, the multimedia phone communication with another packet-switched phone on the packet switched network, and transmitting, based on said communication log retrieval control command, the retrieved communication log control command that includes said communication log stored in the data storage of the packet-switched phone.

23. (PREVIOUSLY PRESENTED) A multimedia phone communication control system, comprising:

a plurality of packet-switched phones and an information terminal connected by a packet switched network, wherein

the information terminal comprises:

a data storage storing a control target list identifying at least one of the packet-switched phones, and

a terminal controller transmitting, based on an instruction from a terminal user, a multimedia phone communication control command and a message storage control command, to one of the packet-switched phones; and

each packet-switched phone comprises:

a data storage storing a terminal list including information relating to the

Serial No. 09/520,810

information terminal, and

a phone controller performing, based on the multimedia phone communication control command from said information terminal, the multimedia phone communication with another packet-switched phone on the packet switched network, and storing, based on the message storage control command, the message in the data storage, and reporting storage of the stored message to the other packet-switched phone.

24. (PREVIOUSLY PRESENTED) A multimedia phone communication control system, comprising:

a plurality of packet-switched phones and an information terminal connected by a packet switched network, wherein

the information terminal comprises:

a data storage storing a control target list identifying at least one of the packet-switched phones, and

a terminal controller transmitting, based on an instruction from a terminal user, a multimedia phone communication control command and a forward destination setting control command, to one of the packet-switched phones; and

each packet-switched phone comprises:

a data storage storing a terminal list including information relating to the information terminal, and

a phone controller performing, based on the multimedia phone communication control command from said information terminal, the multimedia phone communication with another packet-switched phone on the packet switched network, storing, based on said forward destination setting control command, the forwarding destination setting in the data storage of the packet-switched phone, and reporting the forwarding destination setting to the other packet-switched network in a predetermined case.

25. (PREVIOUSLY PRESENTED) The packet-switched network multimedia phone communication control system according to claim 12, wherein

a display unit is provided in said packet-switched phones,

said terminal controller of said packet-switched phone controller generates, based on an instruction from the user, a control command that instructs said display unit of the packet-

Serial No. 09/520,810

switched phones to display a pattern, and

said phone controller of each packet-switched phone stores, based on said display control command, the display pattern associated with said display unit in said data storage, and displays said display pattern on said display unit.

26. (PREVIOUSLY PRESENTED) A multimedia communication control system , comprising:

a plurality of packet-switched phones and an information terminal connected by a packet switched network, wherein

the information terminal comprises:

a data storage storing a control target list identifying at least one of the packet-switched phones and a processing table that associates an input unit of a packet-switched phone with a predetermined processing, and

a terminal controller transmitting, based on an instruction from a terminal user, a multimedia phone communication control command, and referencing the processing table based on an input occurrence report control command and performing a processing corresponding to the input unit with the input occurrence; and

each packet-switched phone comprises:

a data storage storing a terminal list including information relating to the information terminal,

an input unit, and

a phone controller performing, based on the multimedia phone communication control command from said information terminal, the multimedia phone communication with another packet-switched phone on the packet switched network, and transmitting the input occurrence report control command, based upon an input to the input unit, to the information terminal.

27. (PREVIOUSLY PRESENTED) A multimedia phone communication control system, comprising:

a plurality of packet-switched phones and an information terminal connected by a packet switched network, wherein

the information terminal comprises:

Serial No. 09/520,810

a data storage storing a control target list identifying at least one of the packet-switched phones, and

a terminal controller transmitting, based on an instruction from a terminal user, a multimedia phone communication control command and authentication information; and

each packet-switched phone comprises:

a data storage storing a terminal list including information relating to the information terminal and authentication information associated with the information terminal, and

a phone controller performing, based on the multimedia phone communication control command from the information terminal, the multimedia phone communication with another packet-switched phone on the packet-switched network and comparing the authentication information included in the multimedia phone communication control command and the authentication information of the terminal list to authenticate the information terminal.

28. (CURRENTLY AMENDED) A packet-switched network multimedia phone controller on a packet switched network, comprising:

a control target list storing information relating to a predetermined packet-switched multimedia phone that is directly communicably connectable on said packet switched network with the packet-switched network multimedia phone controller via respective packet-switched input/output interfaces, and

a controller transmitting, based on an instruction from a user selecting the predetermined packet-switched multimedia phone from the target list, a packet-switched network multimedia phone call function control command and a packet-switched phone function control command to the user-selected predetermined packet-switched multimedia phone to control the packet-switched network multimedia phone call function and the packet-switched phone function control across the packet switched network from the packet-switched multimedia phone.

29. (CURRENTLY AMENDED) A packet-switched network multimedia phone on a packet switched network, comprising:

a terminal list storing information relating to a predetermined packet-switched phone controller that is directly communicably connectable with the packet-switched network multimedia phone on said packet switched network via respective packet-switched input/output interfaces, and

Serial No. 09/520,810

a controller using the terminal list and receiving from said predetermined packet-switched phone controller, a packet-switched network multimedia phone call function control command and a packet-switched phone function control command, and performing, based on said packet-switched network multimedia phone call function control command and the packet-switched phone function control command, the packet-switched network multimedia phone function call with another packet switched phone on said packet switched network and the packet-switched phone function.

30. (CURRENTLY AMENDED) A computer readable recording medium whereon is recorded a packet-switched network multimedia phone communication control program controlling a packet-switched phone controller that is directly communicably connectable on a packet switched network with a packet-switched phone via respective packet-switched input/output interfaces, according to a process comprising:

storing identification of the packet-switched phone on said packet switched network;

generating, based on an instruction from a user selecting the packet-switched phone from the stored identification of the packet-switched phone, a packet-switched network multimedia phone call function control command and a packet-switched phone function control command; and

sending said packet-switched network multimedia phone call function control command and the packet-switched phone function control command to said user-selected predetermined packet-switched phone to control the packet-switched network multimedia phone call function and the packet-switched phone function control across the packet switched network from the packet-switched multimedia phone.

31. (PREVIOUSLY PRESENTED) A computer readable recording medium whereon is recorded a packet-switched network multimedia phone communication control program controlling a packet-switched phone that is directly communicably connectable on a packet switched network with a packet-switched phone controller, via respective packet-switched input/output interfaces, according to a process comprising:

storing information relating to the packet-switched phone controller on said packet switched network;

receiving from said packet-switched phone controller a packet-switched network

Serial No. 09/520,810

multimedia phone call function control command and a packet-switched phone function control command; and

performing according to the stored information of the packet-switched phone controller and, based on said packet-switched network multimedia phone call function control command and the packet-switched phone function control command, the packet-switched network multimedia phone call function with another packet-switched phone on said packet switched network and the packet-switched phone function.

32. (CURRENTLY AMENDED) A transmitting medium transmitting a packet-switched network multimedia phone communication control program to control a computer that is directly communicably connectable on a packet-switched network with a packet-switched phone, via respective packet-switched input/output interfaces, according to a process of:

storing identification of the packet-switched phone on said packet switched network;

generating, based on an instruction from a computer user selecting the packet-switched phone from the stored identification of the packet-switched phone, a packet-switched network multimedia phone call function control command and a packet-switched phone function control command; and

sending said packet-switched network multimedia phone call function control command and the packet-switched phone function control command to said user-selected packet-switched phone to control the packet-switched network multimedia phone call function and the packet-switched phone function control across the packet-switched network from the packet-switched multimedia phone.

33. (PREVIOUSLY PRESENTED) A transmitting medium transmitting a packet-switched network multimedia phone communication control program to control a packet-switched phone that is directly communicably connectable on a packet switched network with a packet-switched phone controller via respective packet-switched input/output interfaces, according to a process comprising:

storing information related to the packet-switched phone controller on said packet switched network;

receiving from said packet-switched phone controller a packet-switched network multimedia phone call function control command and a packet-switched phone function control

Serial No. 09/520,810

command; and

performing according to the stored information of the packet-switched phone controller and, based on said packet-switched network multimedia phone function call control command and the packet-switched phone function control command, the packet-switched network phone call function with another packet-switched phone on said packet switched network and the packet-switched phone function.

34. (CURRENTLY AMENDED) A packet-switched network multimedia phone communication control method used in a packet-switched multimedia phone communication system having a packet-switched phone that is directly communicably connectable on a packet switched network with a packet-switched phone controller via respective packet-switched input/output interfaces, the method comprising:

reporting from said packet-switched phone to said packet-switched phone controller an instruction from a use of the packet-switched phone,

generating by said packet-switched phone a response to a packet-switched network multimedia phone call function control command and a packet-switched phone function control command from said packet-switched phone controller, and/or an event of the packet-switched network multimedia phone call function with an ~~opposite~~ a communicating party of the packet-switched network multimedia phone call function, and

controlling from packet-switched phone controller, a packet-switched network multimedia phone call function and a packet-switched phone function according to the reporting and/or the generated event from said packet-switched phone .

35. (CURRENTLY AMENDED) A multimedia communication control system comprising:

a packet-switched phone and an information terminal connected by a packet switched network, wherein

the information terminal comprises a terminal controller transmitting a control command, based on an instruction from a terminal user, to control the packet-switched phone, and, based upon a control command received from the packet-switched phone, controlling a multimedia phone communication and a packet-switched phone function of the packet-switched phone, and the packet-switched phone comprises a phone controller controlling the multimedia

Serial No. 09/520,810

phone communication and the packet-switched phone function on the packet switched network, according to the control command from the information terminal and transmitting, based on an instruction from a packet-switched phone user and/or as a response to the control command from the information terminal, a control command reporting information related to the multimedia phone communication, or an event of the multimedia phone communication with ~~an opposite~~ communicating party of the multimedia phone communication such that the multimedia phone communication and the packet-switched phone function are controlled across the packet switched network from the packet-switched phone.

36. (CURRENTLY AMENDED) A computer readable recording medium whereon is recorded a packet-switched network multimedia phone communication control program controlling a packet-switched phone that is directly communicably connectable on a packet switched network with a packet-switched phone controller via respective packet-switched input/output interfaces, according to a process comprising:

generating, based on an instruction from a user of the packet-switched phone, a response control command in response to a control command from said packet-switched phone controller, the response control command reporting information regarding a packet-switched network multimedia phone call function, and/or an event of the packet-switched network multimedia phone call function with ~~an opposite~~ a communicating party of the packet-switched network multimedia phone call function; and

transmitting the response control command to the packet-switched phone controller on said packet switched network.

37. (CURRENTLY AMENDED) A computer readable recording medium whereon is recorded a packet-switched network multimedia phone communication control program controlling packet-switched phone controller that is directly communicably connectable on a packet switched network with a packet-switched phone via respective packet-switched input/output interfaces, according to a process comprising:

receiving from the packet-switched phone, a response control command in response to a control command from said packet-switched phone controller, the response control command including information related to a packet-switched network multimedia phone call function and a packet-switched phone function, and/or an event of the packet-switched network multimedia

Serial No. 09/520,810

phone call function with ~~an opposite~~ a communicating party of the packet-switched multimedia phone call function on packet switched network; and

controlling, based on the response control command, the packet-switched network multimedia phone call function and/or the phone function of said packet-switched phone.